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(12) **ABSTRACT OF INVENTION**

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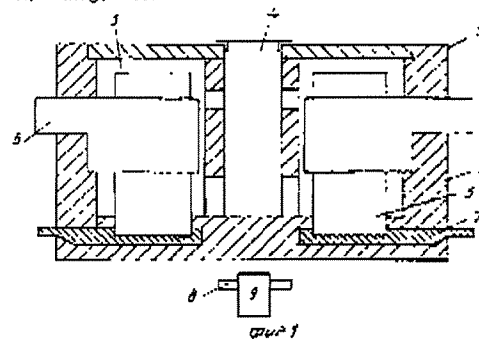
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(54) **ELECTROLYZER FOR PRODUCING MANGANESE AND CHLORINE**

(57) Abstract.

FIELD manganese production by melt chloride ELECTROLYZER SUBSTANCE: electrolyzer has housing 1, lining 2, work room 3 with cathodes 5 and anodes 6 with contact heads 7, sectional cell 4. Header 9 with rigidly connected jets 8 is placed under electrolyzer housing bottom. The jets are directed towards work rooms 3. Number of jets is equal to number of anodes 6. The jets are placed in parallel, perpendicular, and inclined to hearth. Ribs are placed between the jets. Header 9 is placed under the hearth of sectional cell. EFFECT: excessive heat rejection, temperature control, 8 - 10 % increased productivity 6

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